

Title (en)

Device and method for separating the paper from the inner cores of trimmings of rolls

Title (de)

Vorrichtung und Verfahren zum Lösen des Papiers von inneren Hülzen von Beschneideabfall einer Papierrolle

Title (fr)

Dispositif et procédé pour séparer le papier du noyau intérieur d'une chute d'un rouleau

Publication

**EP 1724076 A1 20061122 (EN)**

Application

**EP 06113107 A 20060426**

Priority

IT MI20050920 A 20050519

Abstract (en)

A device for separating the paper from the cores of trimmings of rolls or logs of ribbon-like material, of defective rolls or logs and/or of another similar product, to which single trimmings of rolls or logs of ribbon-like material, fragments of logs, discard rolls or logs and/or other similar products, all provided with inner core (13, 113) and paper (12, 112) wrapped around it, are fed one after the other, in which a mandrel is foreseen (20, 120) which receives at least one trimming (14) or at least one log (114) on it, the mandrel (20, 120) foreseeing an outer diameter less than the inner diameter of a core (13, 113) of the at least one trimming (14) or least one log (114), the mandrel (20, 120) foreseeing moreover at least one axial recessing (23, 123), directed along several contiguous generatrices of the mandrel (20, 120), there being arranged above the at least one axial recessing (23, 123) at least one rotating circular blade (24, 124) which cuts both the paper (12, 112) and the inner core (13, 113).

IPC 8 full level

**B26D 7/18** (2006.01); **B65H 73/00** (2006.01)

CPC (source: EP US)

**B26D 3/001** (2013.01 - EP US); **B26D 7/18** (2013.01 - EP US); **B65H 73/00** (2013.01 - EP US); **B26D 2210/11** (2013.01 - EP US); **Y10S 83/924** (2013.01 - EP US); **Y10T 83/04** (2015.04 - EP US); **Y10T 83/2074** (2015.04 - EP US); **Y10T 83/2077** (2015.04 - EP US)

Citation (search report)

- [A] EP 1231320 A2 20020814 - IMTEC PROGETTI S R L [IT]
- [A] CH 687822 A5 19970228 - HAUSER CHARLES [CH]

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CN101767343A; EP2354071A3; US8424432B2; TWI396594B

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1724076 A1 20061122**; **EP 1724076 B1 20081203**; AT E416071 T1 20081215; DE 602006003940 D1 20090115; ES 2319227 T3 20090505; IT MI20050920 A1 20061120; US 2006260450 A1 20061123; US 7677147 B2 20100316

DOCDB simple family (application)

**EP 06113107 A 20060426**; AT 06113107 T 20060426; DE 602006003940 T 20060426; ES 06113107 T 20060426; IT MI20050920 A 20050519; US 41248906 A 20060427